

DRAFT DATA – SWAMP Labor Day 2008 Bacteria Monitoring

Description of Sample Site: Merced River at Merced Falls Road
 SWAMP Site ID: 535MER209
 Watershed: Merced River Watershed
 County: Merced
 Longitude: -120.378833
 Latitude: 37.518067

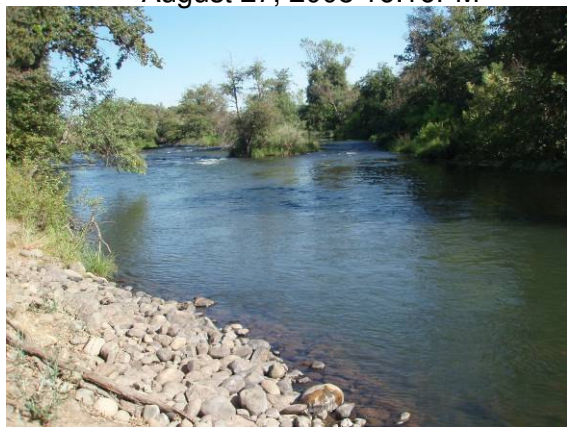
Constituent	Water Quality Guideline	Wednesday August 27, 2008	Sunday August 31, 2008	Wednesday September 3, 2008
E. coli (MPN/100 mL)	<235 MPN/100mL (EPA Contact Recreation Guideline)	7.5	9.6	7.2
Electrical Conductivity (umhos/cm)	≤900 umhos/cm (Secondary Maximum Contaminant Level)	25	25	26
pH	6.5-8.5 (Basin Plan Objective)	7.88	8.06	7.84
Temperature (° Celcius)	≤20 °C (Basin Plan Objective for Bay-Delta)	19.11	17.65	17.89

•NOTES:

SWAMP Labor Day Recreation Study -Before, During and After Labor Day 2008

Merced River at Merced Falls Road (535MER209)

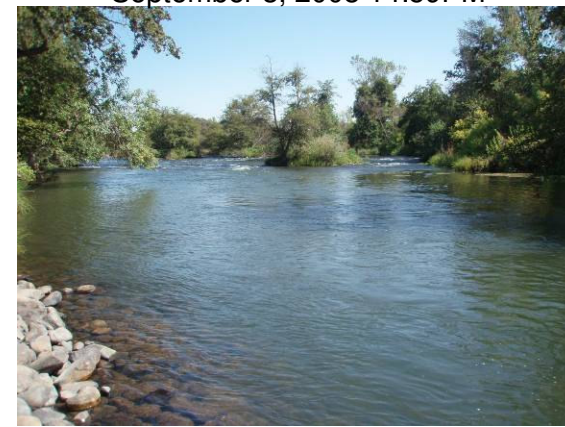
August 27, 2008 16:16PM



August 31, 2008 15:16PM



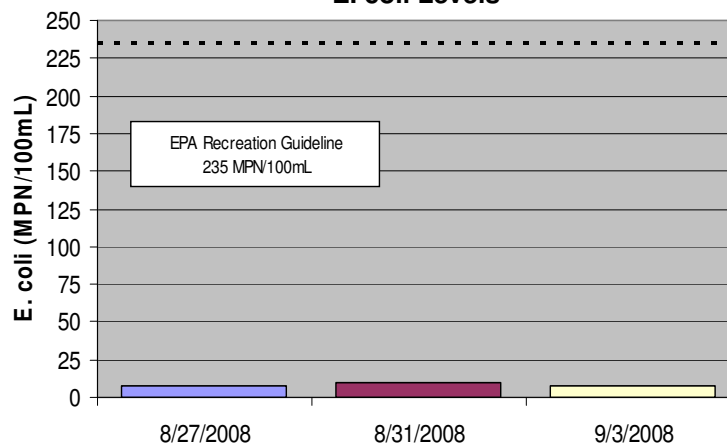
September 3, 2008 14:59PM



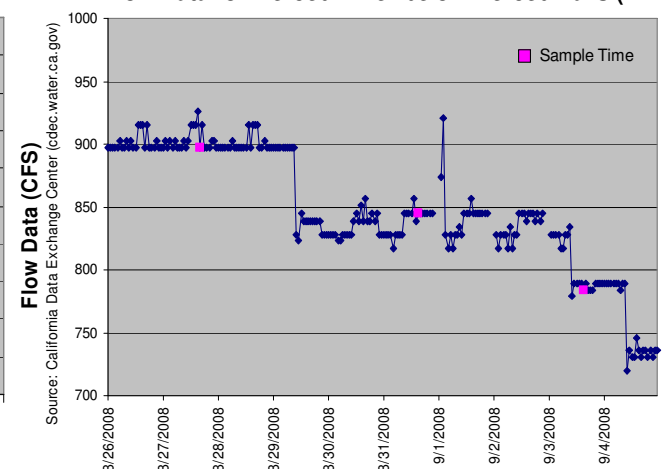
The Central Valley Regional Water Quality Control Board (CVRWQCB) conducted a region-wide Recreation Beneficial Use study, using *E. coli* as an indicator, with a guideline of 235 MPN/100mL. Funding for this study was made possible through the Surface Water Ambient Monitoring Program (SWAMP). Assistance with field collection was provided by a number of local watershed groups. Summary sheets for all sites included in this study can be found at:

http://www.waterboards.ca.gov/centralvalley/water_issues/water_quality_studies/surface_water_ambient_monitoring/index.shtml

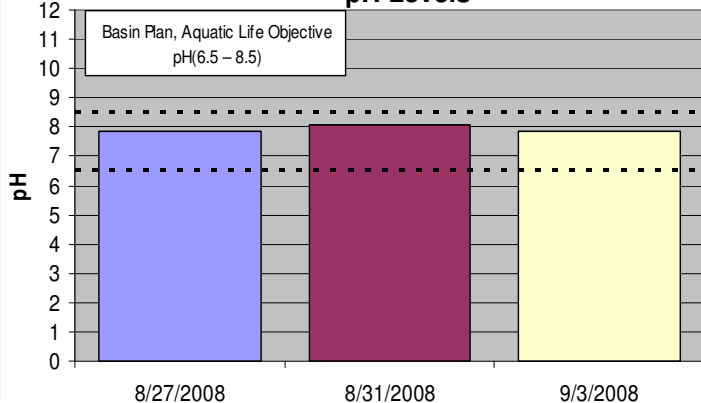
E. coli Levels



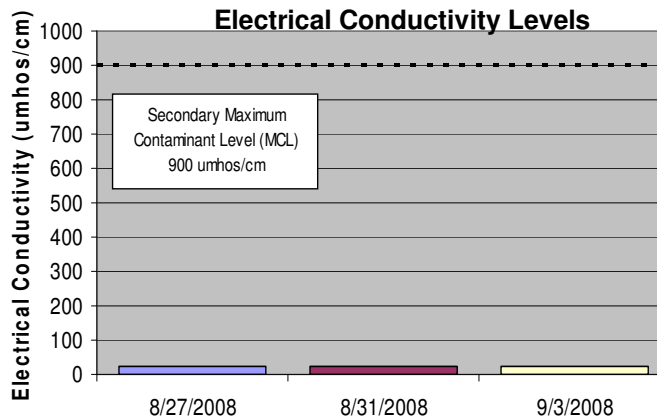
Flow Data for Merced River below Merced Falls (MMF)



pH Levels



Electrical Conductivity Levels



Temperature Levels

